

^{252}Fm $Z = 100$ $N = 152$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1878.922 (0.006) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-7.153	(0.008)	-----		
252FM 1	0.000	0+			1 25.39 H 4
252FM 2	0.047	2+			2

S-p = 4.985 (0.008)-----
S-n = 7.210 (0.016)-----
S-2p = 8.933 (0.006)-----
S-2n = 13.399 (0.010)-----
S-alpha= -7.153 (0.008)-----

S+p = 0.000 (0.000)
S+n = -5.541 (0.006)
S+2p = -6.670 (0.011)
S+2n = -12.056 (0.006)
S+alpha = 8.582 (0.009)

gap p = 0.000 (0.000)
gap n = 1.668 (0.017)
gap 2p = 2.262 (0.013)
gap 2n = 1.344 (0.011)
gap alpha = 1.429 (0.012)